Appendix 1. Alignment of huBUB3 coding sequences

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GGGAGCCCAAGATGACCGGTTCTAACGAGTTCAAGCTGAACCAGCCA          invention disclosure
GGGAGCCCAAGATGACCGGTTCTAACGAGTTCAAGCTGAACCAGCCA          Lee-Ng sequence
GGGAGCCCAAGATGACCGGTTCTAACGAGTTCAAGCTGAACCAGCCA          '182, SEQ ID NO:1
GGGAGCCCAAGATGACCGGTTCTAACGAGTTCAAGCTGAACCAGCCA          '700, SEQ ID NO:1
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CCCGAGGATGGCATCTCCTCCGTGAAGTTCAGCCCCAACACCTCCCAGTTCCTGCTTGTC
CCCGAGGATGGCATCTCCTCCGTGAAGTTCAGCCCCAACACCTCCCAGTTCCTGCTTGTC
CCCGAGGATGGCATCTCCTCCGTGAAGTTCAGCCCCAACACCTCCCAGTTCCTGCTTGTC
CCCGAGGATGGCATCTCCTCCGTGAAGTTCAGCCCCAACACCTCCCAGTTCCTGCTTGTC
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TCCTCCTGGGACACGTCCGTGCGTCTCTACGATGTGCCGGCCAACTCCATGCGGCTCAAG
TCCTCCTGGGACACGTCCGTGCGTCTCTACGATGTGCCGGCCAACTCCATGCGGCTCAAG
TCCTCCTGGGACACGTCCGTGCGTCTCTACGATGTGCCGGCCAACTCCATGCGGCTCAAG
TCCTCCTGGGACACGTCCGTGCGTCTCTACGATGTGCCGGCCAACTCCATGCGGCTCAAG
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TACCAGCACACCGGCGCCGTCCTGGACTGCGCCTTCTACGATCCAACGCATGCCTGGAGT
TACCAGCACACCGGCGCCGTCCTGGACTGCGCCTTCTACGATCCAACGCATGCCTGGAGT
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TACCAGCACACCGGCGCCGTCCTGGACTGCGCCTTCTACGATCCAACGCATGCCTGGAGT
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GGAGGACTAGATCATCAATTGAAAATGCATGATTTGAACACTGATCAAGAAAATCTTGTT
GGAGGACTAGATCATCAATTGAAAATGCATGATTTGAACACTGATCAAGAAAATCTTGTT
GGAGGACTAGATCATCAATTGAAAATGCATGATTTGAACACTGATCAAGAAAATCTTGTT
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GGGACCCATGATGCCCCTATCAGATGTGTTGAATACTGTCCAGAAGTGAATGTGATGGTC
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GGGACCCATGATGCCCCTATCAGATGTGTTGAATACTGTCCAGAAGTGAATGTGATGGTC
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ACTGGAAGTTGGGATCAGACAGTTAAACTGTGGGATCCCAGAACTCCTTGTAATGCTGGG
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ACCTTCTCTCAGCCTGAAAAGGTATATACCCTCTCAGTGTCTGGAGACCGGCTGATTGTG
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GGAACAGCAGGCCGCAGAGTGTTGGTGTGGGACTTACGGAACATGGGTTACGTGCAGCAG
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CGCAGGGAGTCCAGCCTGAAATACCAGACTCGCTGCATACGAGCGTTTCCAAACAAGCAG
CGCAGGGAGTCCAGCCTGAAATACCAGACTCGCTGCATACGAGCGTTTCCAAACAAGCAG
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GGTTATGTATTAAGCTCTATTGAAGGCCGAGTGG[ c ]AGTTGAGTATTTGGACCCAAG
GGTTATGTATTAAGCTCTATTGAAGGCCGAGTGG[ c ]AGTTGAGTATTTGGACCCAAG
GGTTATGTATTAAGCTCTATTGAAGGCCGAGTGG[ c ]AGTTGAGTATTTGGACCCAAG
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CCCTGAGGTACAGAAGAAGAAGTATGCCTTCAAATGTCACAGACTAAAAGAAAATAATAT
CCCTGAGGTACAGAAGAAGAAGTATGCCTTCAAATGTCACAGACTAAAAGAAAATAATAT
CCCTGAGGTACAGAAGAAGAAGTATGCCTTCAAATGTCACAGACTAAAAGAAAATAATAT
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TGAGCAGATTTACCCAGTCAATGCCATTTCTTTTCACAATATCCACAATACATTTGCCAC
TGAGCAGATTTACCCAGTCAATGCCATTTCTTTTCACAATATCCACAATACATTTGCCAC
TGAGCAGATTTACCCAGTCAATGCCATTTCTTTTCACAATATCCACAATACATTTGCCAC

AGGTGGTTCTGATGGCTTTGTAAATATTTGGGATCCATTTAACAAAAAGCGACTGTGCCA
AGGTGGTTCTGATGGCTTTGTAAATATTTGGGATCCATTTAACAAAAAGCGACTGTGCCA
AGGTGGTTCTGATGGCTTTGTAAATATTTGGGATCCATTTAACAAAAAGCGACTGTGCCA
AGGTGGTTCTGATGGCTTTGTAAATATTTGGGATCCATTTAACAAAAAGCGACTGTGCCA

ATTCCATCGGTACCCCACGAGCATCGCATCACTTGCCTTCAGTAATGATGGGACTACGCT
ATTCCATCGGTACCCCACGAGCATCGCATCACTTGCCTTCAGTAATGATGGGACTACGCT
ATTCCATCGGTACCCCACGAGCATCGCATCACTTGCCTTCAGTAATGATGGGACTACGCT
ATTCCATCGGTACCCCACGAGCATCGCATCACTTGCCTTCAGTAATGATGGGACTACGCT

TGCAATAGCGTCATCATATATGTATGAAATGGATGACACAGAACATCCTGAAGATGGTAT
TGCAATAGCGTCATCATATATGTATGAAATGGATGACACAGAACATCCTGAAGATGGTAT
TGCAATAGCGTCATCATATATGTATGAAATGGATGACACAGAACATCCTGAAGATGGTAT
TGCAATAGCGTCATCATATATGTATGAAATGGATGACACAGAACATCCTGAAGATGGTAT

CTTCATTCGCCAAGTGACAGATGCAGAAACAAAACCCAAGTCACCATGTACTTGACAAGA
CTTCATTCGCCAAGTGACAGATGCAGAAACAAAACCCAAGTCACCATGTACTTGACAAGA
CTTCATTCGCCAAGTGACAGATGCAGAAACAAAACCCAAGTCACCATGTACTTGACAAGA
CTTCATTCGCCAAGTGACAGATGCAGAAACAAAACCCAAGTCACCATGTACTTGACAAGA

TTTCATTTACTTAAGTGCCATGTTGATGATAATAAAACAATTCGTACTCCCCAATGGTGG
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TTTCATTTACTTAAGTGCCATGTTGATGATAATAAAACAATTCGTACTCCCCAATGGTGG
TTTCATTTACTTAAGTGCCATGTTGATGATAATAAAACAATTCGTACTCCCCAATGGTGG

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